

<b>ORDER FOR SUPPLIES OR SERVICES</b>										PAGE 1 OF 14	
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N00039-11-D-0030			2. DELIVERY ORDER/ CALL NO. 0140		3. DATE OF ORDER/ CALL (YYYYMMDD) 2016 Oct 25		4. REQ./ PURCH. REQUEST NO. 1300603746		5. PRIORITY		
6. ISSUED BY SPAWAR SYSTEMS CENTER PACIFIC MARTHA JACKMAN TEAM 22410 MARTHA.JACKMAN@NAVY.MIL 53560 HULL ST SAN DIEGO CA 92152-5001			CODE N66001		7. ADMINISTERED BY (if other than 6) DCMA SOUTHERN VIRGINIA 2000 ENTERPRISE PARKWAY SUITE 200 HAMPTON VA 23666			CODE S5111A		8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER  (See Schedule if other)	
9. CONTRACTOR AMSEC LLC NAME (b)(4) AND 2829 GUARDIAN LN ADDRESS VIRGINIA BEACH VA 23452-7328			CODE 1LT84		FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) <b>SEE SCHEDULE</b>		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED		
12. DISCOUNT TERMS							13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15				
14. SHIP TO  <b>SEE SCHEDULE</b>			CODE		15. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATIONS P.O. BOX 182264 COLUMBUS OH 43218-2264			CODE HQ0338		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.	
16. TYPE OF ORDER											
DELIVERY/ CALL		<input checked="" type="checkbox"/> This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.									
PURCHASE		Reference your quote dated Furnish the following on terms specified herein. REF:									
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.											
NAME OF CONTRACTOR				SIGNATURE				TYPED NAME AND TITLE		DATE SIGNED (YYYYMMDD)	
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:											
17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE  <b>See Schedule</b>											
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT		22. UNIT PRICE	
		<b>SEE SCHEDULE</b>								23. AMOUNT	
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.		24. UNITED STATES OF AMERICA TEL: 619-553-0661 EMAIL: joaquin.sanchez@navy.mil BY: Joaquin Sanchez				(b)(6)		25. TOTAL 26. DIFFERENCES		\$3,287,084.65	
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED											
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP NO.		29. DO VOUCHER NO.		30. INITIALS	
f. TELEPHONE NUMBER						g. E-MAIL ADDRESS		<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY	
36. I certify this account is correct and proper for payment.						31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				33. AMOUNT VERIFIED CORRECT FOR	
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER								34. CHECK NUMBER	
										35. BILL OF LADING NO.	
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NO.		42. S/R VOUCHER NO.	

## Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0012					NSP
EXERCISED	CDRLs				
OPTION	FFP				
	IAW PWS				
	FOB: Destination				
NET AMT					\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001			Lot		\$0.00

EXERCISED  
OPTION

CPIF Services and ODCs  
CPIF

This is a Completion / Non-Severable / Cost Price Incentive Fee(CPIF) Type Task Order.

ODCs: Including Miscellaneous Subcontracts, Material / Equipment / Transportation, Travel / Per Diem.

See PWS Attachments for the Task Order CDRL requirements, QASP and Invoked Standard Items.

For individual JID period of performance, refer to PWS paragraph 1.2.

Contractor shall provide installation support services for Hardware Installation of C4ISR and Network related systems on (b)(7)(e) San Diego, CA.

Total direct labor hours for this task order is (b)(4)

MAIL TO (COR COPIES/MISC. DOCUMENTS)

Receiving Officer

N69255 SPAWAR Systems Center San Diego

Code 42110 (b)(6)

4297 Pacific Highway, Bldg OT7

San Diego, CA 92110

FOB: Destination

PURCHASE REQUEST NUMBER: 1300603746

TARGET COST	\$0.00
TARGET FEE	\$0.00
TOTAL TGT COST + FEE	\$0.00
MINIMUM FEE	\$0.00
MAXIMUM FEE	\$0.00
SHARE RATIO ABOVE TARGET	
SHARE RATIO BELOW TARGET	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AA	(b)(7)(e) ADNS CPIF JID 151601 FOB: Destination PURCHASE REQUEST NUMBER: 1300603746	1	Lot		(b)(4)
				TARGET COST	(b)(4)
				TARGET FEE	(b)(4)
				TOTAL TGT COST + FEE	(b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50
	ACRN AA CIN: 130060374600001				(b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AB	(b)(7)(e) MNT ANWSC9 CPIF JID 148140 FOB: Destination PURCHASE REQUEST NUMBER: 1300603746	1	Lot		(b)(4)
				TARGET COST	(b)(4)
				TARGET FEE	(b)(4)
				TOTAL TGT COST + FEE	(b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50
	ACRN AB CIN: 130060374600002				\$ (b)(4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AC	(b)(7)(e) DEPLOYABLE RAPIDS	1	Lot		\$ (b)(4)
	CPIF				
	JID 156715				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: 1300603746				
				TARGET COST	\$ (b)(4)
				TARGET FEE	\$ (b)(4)
				TOTAL TGT COST + FEE	\$ (b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50
	ACRN AC				(b)(4)
	CIN: 130060374600003				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AD	(b)(7)(e) NMT ATIP	1	Lot		(b)(4)
	CPIF				
	JID 148129				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: 1300603746				
				TARGET COST	(b)(4)
				TARGET FEE	(b)(4)
				TOTAL TGT COST + FEE	(b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50
	ACRN AD				(b)(4)
	CIN: 130060374600004				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AE	(b)(7)(e) COMSERV CRYP REPL	1	Lot		(b)(4)
	CPIF				
	JID 149309				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: 1300603746				
				TARGET COST	(b)(4)
				TARGET FEE	(b)(4)
				TOTAL TGT COST + FEE	(b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50
	ACRN AE				(b)(4)
	CIN: 130060374600005				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AF	(b)(7)(e) CANES	1	Lot		(b)(4)
	CPIF				
	JID 148519				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: 1300603746				
				TARGET COST	(b)(4)
				TARGET FEE	(b)(4)
				TOTAL TGT COST + FEE	(b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50
	ACRN AF				(b)(4)
	CIN: 130060374600006				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AG	(b)(7)(e) NAVMACS TECH	1	Lot		(b)(4)
	CPIF				
	JID 152498				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: 1300603746				
				TARGET COST	(b)(4)
				TARGET FEE	(b)(4)
				TOTAL TGT COST + FEE	(b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50
	ACRN AG				(b)(4)
	CIN: 130060374600007				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AH	(b)(7)(e) COMSEC KW46	1	Lot		(b)(4)
	CPIF				
	JID 149929				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: 1300603746				
				TARGET COST	(b)(4)
				TARGET FEE	(b)(4)
				TOTAL TGT COST + FEE	(b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50
	ACRN AH				(b)(4)
	CIN: 130060374600008				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AJ	(b)(7)(e) KMI (OPTION)	1	Lot		(b)(4)
OPTION	CPIF				
	JID 147583				
	FOB: Destination				
				TARGET COST	(b)(4)
				TARGET FEE	(b)(4)
				TOTAL TGT COST + FEE	(b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001AK	(b)(7)(e) ADAP (OPTION)	1	Lot		(b)(4)
OPTION	CPIF				
	JID 147989				
	FOB: Destination				
				TARGET COST	(b)(4)
				TARGET FEE	(b)(4)
				TOTAL TGT COST + FEE	(b)(4)
				MINIMUM FEE	\$0.00
				MAXIMUM FEE	(b)(4)
				SHARE RATIO ABOVE TARGET	50/50
				SHARE RATIO BELOW TARGET	50/50



## Section E - Inspection and Acceptance

## INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0012	N/A	N/A	N/A	Government
2001	N/A	N/A	N/A	Government
2001AA	Destination	Government	Destination	Government
2001AB	Destination	Government	Destination	Government
2001AC	Destination	Government	Destination	Government
2001AD	Destination	Government	Destination	Government
2001AE	Destination	Government	Destination	Government
2001AF	Destination	Government	Destination	Government
2001AG	Destination	Government	Destination	Government
2001AH	Destination	Government	Destination	Government
2001AJ	Destination	Government	Destination	Government
2001AK	Destination	Government	Destination	Government

## Section F - Deliveries or Performance

## DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC
0012		N/A	N/A FOB: Destination	
2001		N/A	N/A FOB: Destination	
2001AA		N/A	N/A FOB: Destination	
2001AB		N/A	N/A FOB: Destination	
2001AC		N/A	N/A FOB: Destination	
2001AD		N/A	N/A FOB: Destination	
2001AE		N/A	N/A FOB: Destination	
2001AF		N/A	N/A FOB: Destination	
2001AG		N/A	N/A FOB: Destination	
2001AH		N/A	N/A FOB: Destination	
2001AJ	N/A	N/A	N/A	N/A
2001AK	N/A	N/A	N/A	N/A

## Section G - Contract Administration Data

## ACCOUNTING AND APPROPRIATION DATA

AA: 97X4930 NH3P 310 77777 0 050120 2F 000000  
COST CODE: A00003673304  
AMOUNT: (b)(4)  
CIN 130060374600001: (b)(4)

AB: 97X4930 NH3P 310 77777 0 050120 2F 000000  
COST CODE: A10003673304  
AMOUNT: (b)(4)  
CIN 130060374600002: (b)(4)

AC: 97X4930 NH3P 310 77777 0 050120 2F 000000  
COST CODE: A20003673304  
AMOUNT: (b)(4)  
CIN 130060374600003: (b)(4)

AD: 97X4930 NH3P 310 77777 0 050120 2F 000000  
COST CODE: A30003673304  
AMOUNT: (b)(4)  
CIN 130060374600004: (b)(4)

AE: 97X4930 NH3P 310 77777 0 050120 2F 000000  
COST CODE: A40003673304  
AMOUNT: (b)(4)  
CIN 130060374600005: (b)(4)

AF: 97X4930 NH3P 310 77777 0 050120 2F 000000  
COST CODE: A50003673304  
AMOUNT: (b)(4)  
CIN 130060374600006: (b)(4)

AG: 97X4930 NH3P 310 77777 0 050120 2F 000000  
COST CODE: A60003673304  
AMOUNT: (b)(4)  
CIN 130060374600007: (b)(4)

AH: 97X4930 NH3P 310 77777 0 050120 2F 000000  
COST CODE: A70003673304  
AMOUNT: (b)(4)  
CIN 130060374600008: (b)(4)

## CLAUSES INCORPORATED BY FULL TEXT

252.204-0012 Line Item Specific: by Contractor Invoice. (February 2013)

The payment office shall make payment using the specific ACRN(s) cited on the contractor's invoice and, in no event, may payment exceed the funded amount for the ACRN(s) cited.

Funds assigned are obligated by a Navy Working Capital Fund Activity (SSC Pacific), the organizations (sponsors) that send funds to SSC Pacific require specific Job Order Number or Budget Structure tracking to the sub-tasks or individual ship or shore installations identified in the task order requirements. Therefore SSC Pacific cannot use PGI

clauses 001-011, use of 012 is needed. The contractor shall cite on each invoice the contract line item number (CLIN); the contract subline item number (SLIN), and the accounting classification reference number (ACRN).

Line Item	ACRN
2001AA	AA
2001AB	AB
2001AC	AC
2001AD	AD
2001AE	AE
2001AF	AF
2001AG	AG
2001AH	AH

#### 252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

(a) Definitions. As used in this clause--

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

## Cost Voucher

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

Not applicable.

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table\*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N66001
Admin DoDAAC	S5111A
Inspect By DoDAAC	N/A
Ship To Code	N/A
Ship From Code	N/A
Mark For Code	N/A
Service Approver (DoDAAC)	S5111A
Service Acceptor (DoDAAC)	HAA473
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	HAA473
Other DoDAAC(s)	N/A

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the "Send Additional Email Notifications" field of WAWF once a document is submitted in the system.

Send Additional Email Notification(s) to:			
Name	Email	Phone	Role
(b)(6)		(619) 524-2485	COR

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

Not applicable.

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

## Section J - List of Documents, Exhibits and Other Attachments

## Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Attachment 1		26	13-OCT-2016

ATTACHMENTS



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**SSC PACIFIC INSTALLATIONS ENTERPRISE  
PERFORMANCE WORK STATEMENT  
COST PLUS INCENTIVE FEE (CPIF)  
REVISION B**

**DATE:** 29 August 2016 (Rev B: 13 October 2016)

TO RFP: 4234

**EMR:** 42100.62421

**START:** Upon Award

**SHORT TITLE:** Hardware Installation of C4ISR and Network related systems on (b)(7)(e) San Diego, CA.

**Rev A:** Provides Actual SIDs for CANES; some requirements changes/clarifications.

**Rev B:** Removes KMI (147583) and ADAP (147989) from the Base Task Order and replaces them as Options.

## **1.0 SCOPE**

This performance-based effort encompasses the installation of C4I Systems (hardware only) onboard (b)(7)(e) during FY17 DSRA. This Task Order contains Options that may be exercised by the Ordering Officer during the Option Exercising period from the Date of Award through 15 JAN 17. The Government reserves the right to modify this task order by adding Jobs after award that are within the scope of this PWS. This task order is Non-Severable.

## **1.1 PLACES OF PERFORMANCE**

The following ships are scheduled for completion under this task order.

- 1.1.1** Onboard (b)(7)(e) Local Shipyard (TBD), San Diego, CA.
- 1.1.2** SPAWARSYSCEN PAC Facilities
- 1.1.3** Contractor's facilities

## **1.2 SCHEDULE OF REQUIRED SYSTEMS**

- 1.2.1** Ships Availability – (b)(7)(e) (DSRA)
  - 1.2.1.1** Docking
  - 1.2.1.2** Undocking
  - 1.2.1.3** CSLO/PCD
  - 1.2.1.4** Crew Move Aboard
  - 1.2.1.5** Sea Trials
  - 1.2.1.6** LAN Migration
  - 1.2.1.7** CANES Light Off

(b)(7)(e)



**Planned Production/Install and Testing/SOVT windows by Job ID:**

Ship/System	Job ID	On-Site Production	Software/SOVT	PoP End Date
(b)(4)				
CANES AN/USQ-208(V)4 LPD, SA 83741K	148519	(b)(7)(a)		
KMI AN/GYK-72(V) SA 80934K (OPTION)	147583			
ADAP SA 71386 (OPTION)	147989			
NMT ATIP SA 84619K	148129			
NMT AN/WSC-9(V)XX Q/Ka SA 80897K	148140			
COM SERCRY P REPL PH II SA 82853K	149309			
COMSEC KW46 REPL SA 83712K	149929			
ADNS AN/USQ-144K(V) 2 SA 81322K	151601			
DEPLOYABLE RAPIDS WS, SA 76610K	156715			
NAVMACS TECH REFRESH, SA 81798K	152498			

The (b)(7)(e) date of award for this Task Order is **05 October 2016**. Contractor shall use this date for planning purposes only. An award later than this date does not, of itself, constitute a change in requirements.

The time period the ship/submarine is available is fixed, as is the period of performance for this task order (TO.) It should be noted that the planned production/install and testing/SOVT window dates specified in this PWS for the individual Job IDs on this TO may be more limited than the dates of the ship's/submarine's availability. A CORN will not be authorized based on the contractor's ability/inability to start performance on individual job IDs provided the work can still be completed within the production/install and testing/SOVT window dates provided in the PWS, Section 1.2. If the Government changes the aforementioned planned production/install and/or testing/SOVT window dates, (i.e., the date is compressed or extended) a CORN may be considered. Therefore, the Contractor should ensure adequate flexibility in staffing and resources to adapt to potential limitations to perform the work associated to individual Job IDs. The inability to accommodate a reasonable level of flexibility within the planned production/install and testing/SOVT window dates provided in the PWS must be clearly identified in the offeror's proposal.

The Contractor must be able to provide sufficient technical expertise, services and materials as necessary to effectively and efficiently install the systems listed above.





During performance, the use of web-enabled tools for management will be maximized. Status reporting, financial reporting, task orders, and task order modifications will be accomplished via posting to the Regional Installation Management Office (IMO) web-enabled databases. To the maximum extent practical, all deliverables under this contract shall be delivered in formats compatible with the latest NMCI Gold Disk applications.

The technical representative assisting the contracting officer (KO) in the administration of the whole contract is the Contracting Officer's Representative (COR) who has no contractual authority to obligate the government. The Contractor is reminded that only the Ordering Officer (or other designated Contracting Officer) has the authority to obligate the government and make changes to this task order. No other government personnel have such authority.

## 2.0 **REFERENCES**

### 2.1 **Specifications and Standards**

- 2.1.1 SPAWAR Global C4ISR Installations Contract (SE II)
- 2.1.2 NAVSEA Tech Spec 9090-310G – Alterations to Ships Accomplished by alteration Installation Teams (AITs)
- 2.1.3 NAVSEA Standard Items, **FY-17**
- 2.1.4 Code of Federal Regulations Title 26, part 1915 (Occupational Safety and Health Requirements for Shipyard Employment)
- 2.1.5 DOD 8570.01 -M, Information Assurance Workforce Improvement Program.
- 2.1.6 SPAWARSYSCEN Pacific IAWF certification list
- 2.1.7 MIL-STD-2003-5A

## 3.0 **PERFORMANCE REQUIREMENTS**

Requirements Summary:

Ship/System	Job ID	PICO	H/W Install	S/W Load	SOVT	SME Support	Train	Remarks
(b)(7)(e)								
CANES AN/USQ-208(V)4 LPD, SA 83741K	148519		X					
KMI AN/GYK-72(V) SA 80934K <b>(OPTION)</b>	147583		X					
ADAP SA 71386 <b>(OPTION)</b>	147989		X					
NMT ATIP SA 84619K	148129		X					
NMT AN/WSC-9(V)XX Q/Ka SA 80897K	148140		X					



COM SERCRYP REPL PH II SA 82853K	149309		X					
COMSEC KW46 REPL SA 83712K	149929		X					
ADNS AN/USQ-144K(V) 2 SA 81322K	151601		X					
DEPLOYABLE RAPIDS SA 76610K	156715		X					
NAVMACS TECH REFRESH, SA 81798K	152498		X					

### 3.1 General Requirements

- 3.1.1** Upon award, contractor shall review GFI uploaded to IMOTracker to ensure that the latest revisions and most recent LARs are being used for execution. Significant changes from the GFI used for Bidding shall be addressed through the CORN process.
- 3.1.2** The contractor shall develop a Plan of Action and Milestones (POAM) IAW
- 3.1.3** The contractor shall conduct a thorough Shipcheck to validate the provided GFI. The Shipcheck shall determine the level of effort (manhours and skill levels), materials and other ODCs required to complete the tasking, as defined by the PWS, but which could not be determined via the GFI. The Shipcheck shall determine the specific requirements for rigging, painting/lagging (including abatement), deck repair, cableway upgrades/modifications, and all other elements not quantified by the GFI. **Contractor shall anticipate a minimum of 360 manhours to conduct the shipcheck (6d x 10h x 6 persons). During ship check Contractor shall identify locations requiring MSR welding support for references: 5.1.1.1, 5.1.1.2, 5.1.5.1, 5.1.8.1, 5.1.10.5 to support OSIC submission of RTR form for requesting AIT support work by the MSR.**
- 3.1.3.1** Within ten days after the Shipcheck, the contractor shall submit a single Change Order Request Notice (CORN) for each Job ID, identifying all labor and costs associated with the additional (previously undefined) efforts. This CORN (per Job ID) shall represent the final CORN submitted under that JobID without a change in requirements or unusual delay/disruption. Each Corn shall identify immediate costs (those required to proceed with work including procurements) and anticipated costs (those occurring beyond 3 three weeks from submittal).
- 3.1.3.2 Provide an updated POAM reflecting CORN impacts.**
- 3.1.3.3** Within five business days of completing the Shipcheck, contractor shall submit LARs concerning any SID discrepancies or clarification noted during the Shipcheck.
- 3.1.4** Within 48 hours of Task Order award, the awardee's Project Manager or AIT Lead shall contact the OSIC (identified in para. 10) to coordinate a kick-off meeting. The kick-off meeting should take place as soon as practical, typically within one week of award. If travel would be required, then a teleconference or VTC may be held in place of a live meeting. The kick-off meeting shall address key milestones, site access/badging, restrictions/authorizations, coordination during production and testing, and lines of communication. Results of the kick-off meeting that impact scheduling shall be incorporated in to the POAM. Contractor shall obtain the cell phone number of the OSIC during the meeting and the On-Site Team Lead shall enter it into their phone for emergencies and notifications.



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- 3.1.5** Contractor shall contact the OSIC any time they experience delays, disruption or design changes/errors that could impact cost, schedule or quality. Notification shall be made by cell phone immediately upon determining that the impact cannot be absorbed through re-assignment of personnel or other recovery options. In the event the OSIC or AITM cannot be reached the contractor will contact the Platform Execution Manager (PEM).
- 3.1.6** All efforts under this Task Order shall be in conformance with the requirements of the Basic Contract, Ref. 2.1.1.
- 3.1.7** Comply with all requirements for Alteration Installation Teams (AITs) as established by Ref 2.1.2.
- 3.1.8** Comply with the Requirements of applicable Standard Items identified in Attachment 3.
- 3.1.9** Develop a QA Workbook in accordance with Ref. 2.1.2, Para. H 3.11.15, and upload to CDRL Tab in IMOTracker review not later than **30 days prior to commencing work**. The QA Workbook shall be uploaded to each Job ID in IMOTracker.
- 3.1.10 Contractor's On-Site Lead shall be an employee of the prime contractor for the duration of the availability.**
- 3.1.11** The contractor AIT Lead (On-Site Lead) shall provide Daily Status Reports (DSRs) to the Platform OSIC and the appropriate System AITM's. DSR's shall be prepared at the end of the work day (or prior to 0630 the following work day). DSR's shall be prepared using the format of Attachment 4 and shall contain the following:
- 3.1.11.1** Key stakeholder point of contact information.
  - 3.1.11.2** Key milestones/completion dates with projection (green, yellow, red) of whether each key milestone will be met, Green indicates on track to meet target date; Yellow indicates contractor at risk of not meeting target date, but target date is still reasonably achievable if identified mitigations are applied; Red indicates contractor WILL NOT meet target date and requires an update to the projected actual completion date.
  - 3.1.11.3** A complete description of why each yellow or red milestone is at risk of late completion, to include all conditions for which the contractor is responsible for under this task order, as well as other conditions that may interfere with timely completion.
  - 3.1.11.4** A plan for resolving yellow or red milestone/completion date projections, or a plan for mitigating the impact of key milestones that cannot be met along with a new projected completion date.
  - 3.1.11.5** Issues requiring government attention or support. Examples would be services late or not provided by the shipyard (SY) to include lifts, welders, fire watches, or lay down areas, if required.
  - 3.1.11.6** Daily impacts that could affect cost, schedule or performance.
  - 3.1.11.7** If applicable, description and magnitude of impacts related to performance in shipyard execution of services provided in response to Reservation Task Requests (RTRs).
  - 3.1.11.8** Completion percentages.
- 3.1.12** Contractor shall provide installation support during SOVT of all systems installed under this Task Order, including repair of any installation discrepancies found during SOVT, minor disassembly/removal and assembly/replacement of units or components to facilitate test requirements and/or inspection. Provide electronic deliverables in formats compatible with the latest NMCI Gold Disk applications.
- 3.1.13** The following guidelines shall be used for bidding and planning purposes:
- 3.1.13.1** Contractor shall determine banding and cable tag requirements based on the quantities of cable to be installed.
  - 3.1.13.2** Where removal cable lengths are not listed in the SIDs, bidders shall assume each cable removed within a space is 100', and each cable between spaces is 300'.
  - 3.1.13.3** Where weights and dimensions of removed cabinets are not listed in the SIDs, bidders shall assume each cabinet to weigh 800 lbs. Cabinets shall be assumed to fit through hatches and passageways without access

**3.2.6** Contractor shall order Blown Fiber and associated tubing and fittings within one week of award.



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- 3.2.7** Mounting Brackets for PCs, monitors and printers are available from Specialty Products of Virginia. Procuring from this ready source would supersede Note 28 of ref 2.3.4. Applicable part numbers are: SPKIT-WOT610, SPKIT-WOZ210Z220Z230, SPPANLAP-53, SPXEROX3610, SPCISCOWAP-N and SPXEROX6600.
- 3.2.8** The following milestones are requirements of this PWS and shall be reflected in the POAM. Failure to meet these dates could affect contractor ratings for this Task Order:
- 3.2.8.1 28 AUG 17:** CANES Light-off. All CANES Equipment (with the exception of Workstations and peripherals) is completely installed, all QA checks completed (including cable/fiber tests), and ready for light-off. All industrial work in spaces housing CANES Servers, Backbone Switches, Edge Switches is complete, including deck repair, mechanical mods, painting and lagging.
- 3.2.8.2 11 SEP 17:** CANES SOVT Ready. All CANES production completed including installation of all workstations, laptops and peripherals with exception of Cable Management.
- 3.2.9** Procure and provide to ships force, CAT-5E drop patch cables, the quantity to equal 100% of the NIPR, and 100% of SIPR LAN, 100% SCI drops identified in the SIDs. Drop patch cables shall be 3 meters in length and shielded (following color codes: NIPR: Black, SIPR: Red, SCI: Yellow).
- 3.2.10** Accomplish the installation of 438 standard Workstations, 185 Laptops, 50 Thin Client Workstations, 15 Color Printers and 158 Monochrome Printers. Contractor shall pick up the GF E printers, PCs and mounting kits within one week of notification and provide storage/transportation as necessary. Ref's 5.1.1.25 through 5.1.1.29 provides mounting details for all items. Actual locations will be determined by ships force at time of installation, and shall be within 3 meters of an installed drop. PCs shall be mounted using Grade 5 Machine screws with self-locking, nylon insert nuts (nylocks). Locking washers of any type are not authorized for use on ships.
- 3.2.11** The MSR is responsible for accomplishing ref 5.1.1.3 through **Error! Reference source not found.** Contractor shall monitor MSR progress on applicable drawings and track them on the POAM weekly. Contractor shall notify OSIC immediately if MSR progress will impact their schedule.
- 3.2.11.1** All production work to be accomplished by MSR is expected to be complete NLT **05 JULY 17**.
- 3.2.12** SOVT will be performed by Government personnel.
- 3.2.13** All hardware (classified and unclassified) removed by this task shall be turned over to ships force for sanitization IAW their command Security Policy 5239 prior to disposition shipping.
- 3.2.14** SOVT Support – Contractor shall provide production support for four weeks (5x8) following CANES Backbone Light-off, plus one additional week after CANES PCD. Personnel supporting CANES SOVT shall have fiber and CAT-5E connector certifications IAW Std Item 009-73.
- 3.2.15** Contractor shall pack and ship all removed [and sanitized] equipment to:  
**Attn: Jim Kral**  
**SSC Atlantic, ILS Manager**  
**Bldg 78, Magazine Rd.**  
**Portsmouth, VA 23702**
- 3.3** **KMI, SA 80934K (Job ID 147583)** **(OPTION)**
- 3.3.1** Accomplish KMI S/A 80934K IAW ref. 5.1.2.
- 3.3.2** Contractor shall install a SIPRNET drop in the vicinity of the KMI (within 5' of the Network Encryptor).
- 3.3.3** If EKMS system has not been relocated to a temporary vault (by ships force), the Contractor shall table-top the EKMS workstation for the duration of the install. Govt personnel will remove the EKMS workstation upon completion of account migration and SOVT.



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- 3.3.4** Contractor shall obtain KMI equipment from the ships CMS Custodian and mount them in accordance with the SIDs.
- 3.3.5** Contractor shall configure the shipboard network (ISNS or CANES) for KMI compatibility. Configuration shall be planned to occur immediately after Combat Systems Light-Off/Aegis Light-Off (coordinated with OSIC).
- 3.3.6** Contractor shall anticipate up to 2 days of support to the Govt Account Migration and SOVT team. Support shall include validating the operation of the SIPR drop and production support required by the team during KMI light-off.
- 3.4** **ADAP, SA 71386K, (Job ID 147989)** **(OPTION)**
- 3.4.1** Portions of this ShipAlt will be accomplished by the RMC/NSA and their contractors. Where combined efforts are required to accomplish specific tasks, the SSC PAC On-Site Installation Coordinator will provide guidance for de-conflicting efforts. All issues concerning responsibilities for specific task elements shall be resolved by the Ordering Officer via the COR.
- 3.4.2** Accomplish ref. 5.1.3.1 in support of ADAP, SA 71386K on (b)(7)(e).
- 3.4.3** The MSR is responsible for accomplishing ref 5.1.3.2. Contractor shall monitor MSR progress on applicable drawings and track them on the POAM weekly. Contractor shall notify OSIC immediately if MSR progress will impact their schedule.
- 3.4.4** SOVT associated with ADAP shall be accomplished by Government personnel. Anticipate 8 hours production support (1d x 1 person).
- 3.5** **NMT ATIP, SA 84619K, (Job ID 148129)**
- 3.5.1** Accomplish the NMT ATIP, SA 84619K IAW ref. 5.1.4.
- 3.5.2** SOVT associated with NMT ATIP shall be accomplished by Government personnel. Anticipate 24 hours production support (3d x 1 person).
- 3.6** **NMT AN/WSC-9(V)1 X/Ka, SA 80897, (Job ID 148140)**
- 3.6.1** Prior to beginning production on NMT SA 81443K, key contractor personnel assigned to the NMT installation shall attend an NMT Production Training Webinar. The Webinar will be provided by SPAWAR Systems Center upon award and will last 8 hours (one day course). Personnel required to take the course include the Cable installation team lead, Welding lead and overall production lead assigned to NMT. This is a onetime requirement; previous completion of the Webinar will satisfy this requirement.
- 3.6.2** Portions of this ShipAlt will be accomplished by the RMC/NSA and their contractors. Where combined efforts are required to accomplish specific tasks, the SSC PAC On-Site Installation Coordinator will provide guidance for de-conflicting efforts. All issues concerning responsibilities for specific task elements shall be resolved by the Ordering Officer via the COR.
- 3.6.3** Accomplish ref's 5.1.5.1– 5.1.5.7 in support of the NMT Installation SA 80897K on board (b)(7)(e).
- 3.6.4** Ref's 5.1.5.8 – 5.1.5.14 will be accomplished by the MSR. Contractor shall track progress of MSR work associated with this Job in their Weekly POAM updates, and immediately notify OSIC of any expected schedule impacts.
- 3.6.5** The following milestones are requirements of this PWS and shall be reflected in the POAM. Failure to meet these dates could affect contractor ratings for this Task Order:
- 3.6.5.1** 01 MAY 17: System is completely installed, all QA checks completed (including cable/fiber tests), and ready for light-off.





**3.6.6** SOVT associated with NMT will be accomplished by Govt. personnel. Anticipate 120 hours production support for SOVT (1W x 2 persons, 1W x 1 person)

**3.7** **COMSEC Serial Crypto Phase II, SA 82853K, (Job ID 149309)**

**3.7.1** Accomplish the installation of COMSEC Serial Crypto Phase II SA 82853 IAW Ref. 5.1.6.

**3.7.2** Contractor shall transflex cables within racks to allow for racking in/out of equipment. Ref 2.1.7 provides guidance.

**3.7.3** Contractor shall perform continuity checks on each installed cable, and on all “circuits” (multiple cable sections) installed under this installation from end-to-end.

**3.7.4** Contractor shall provide an installer to support SOVT personnel in identifying and resolving connectivity issues between the installed crypto and existing terminal and communications equipment. Bidder shall anticipate 24 manhours for installer support support.

**3.7.5** SOVT will be accomplished by Government personnel.

**3.7.6** The following milestones are requirements of this PWS and shall be reflected in the POAM. Failure to meet these dates could affect contractor ratings for this Task Order:

**3.7.6.1** 06 MAY 17: System is completely installed, all QA checks completed (including including end to end testing of installed cables after they are installed IAW the SIDs (Patch panel to the 3040 enclosure), and ready for light-off.

**3.8** **COMSEC KW-46 REPL, SA 83712K (Job ID 149929)**

**3.8.1** Accomplish the installation of COMSEC KW-46 Replacement SA 83712 IAW Ref. 5.1.7

**3.8.2** Contractor shall transflex cables within racks to allow for racking in/out of equipment. Ref 2.1.7 provides guidance.

**3.8.3** Contractor shall perform continuity checks on each installed cable, and on all “circuits” (multiple cable sections) installed under this installation from end-to-end.

**3.8.4** Contractor shall provide an installer to support SOVT personnel in identifying and resolving connectivity issues between the installed crypto and existing terminal and communications equipment. Bidder shall anticipate 24 manhours for installer support.

**3.8.5** The following milestones are requirements of this PWS and shall be reflected in the POAM. Failure to meet these dates could affect contractor ratings for this Task Order:

**3.8.5.1** 06 MAY 17: System is completely installed, all QA checks completed (including end to end testing of installed cables after they are installed IAW the SIDs (Patch panel to the 3040 enclosure), and ready for light-off.

**3.8.6** SOVT associated with KW-46 will be accomplished by Govt. personnel.

**3.9** **ADNS AN/USQ-144K, SA 81322 K, (Job ID 151601)**

**3.9.1** Portions of this ShipAlt will be accomplished by the RMC/NSA and their contractors. Where combined efforts are required to accomplish specific tasks, the SSC PAC On-Site Installation Coordinator will provide guidance for de-conflicting efforts. All issues concerning responsibilities for specific task elements shall be resolved by the Ordering Officer via the COR.

**3.9.2** Accomplish ref's 5.1.8.1 – 5.1.8.5 in support of ADNS SA 81322K on board (b)(7)(e).

**3.9.3** Validate the applicability of ref. 5.1.8.8, implement applicable requirements, and redline drawings with changes.



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- 3.9.4** Ref's 5.1.8.6 and 5.1.8.7 will be accomplished by the MSR. Contractor shall track progress of MSR work associated with this Job in their Weekly POAM updates, and immediately notify OSIC of any expected schedule impacts.
- 3.9.5** Configuration and SOVT associated with ADNS shall be accomplished by Government personnel. Bidder shall anticipate 24 manhours for installer support.
- 3.10** **DEPLOYABLE RAPIDS WORKS, SA 76610, (Job ID 156715)**
- 3.10.1** Portions of this ShipAlt will be accomplished by the RMC/NSA and their contractors. Where combined efforts are required to accomplish specific tasks, the SSC PAC On-Site Installation Coordinator will provide guidance for de-conflicting efforts. All issues concerning responsibilities for specific task elements shall be resolved by the Ordering Officer via the COR.
- 3.10.2** Accomplish ref's 5.1.9.1 – 5.1.9.3 in support of Deployable RAPIDS 76610K on board (b)(7)(e).
- 3.10.3** Ref 5.1.9.4 will be accomplished by the MSR. Contractor shall track progress of MSR work associated with this Job in their Weekly POAM updates, and immediately notify OSIC of any expected schedule impacts.
- 3.10.4** Software and SOVT associated with Deployable RAPIDS shall be accomplished by Government personnel. Bidder shall anticipate 8 manhours for installer support.
- 3.11** **NAVMACS TR, SA 81798 K, (Job ID 152498)**
- 3.11.1** Portions of this ShipAlt will be accomplished by the RMC/NSA and their contractors. Where combined efforts are required to accomplish specific tasks, the SSC PAC On-Site Installation Coordinator will provide guidance for de-conflicting efforts. All issues concerning responsibilities for specific task elements shall be resolved by the Ordering Officer via the COR.
- 3.11.2** Accomplish ref's 5.1.10.1 – 5.1.10.5 in support of NAVMACS Tech Refresh SA 81798K on board (b)(7)(e).
- 3.11.3** Ref 5.1.10.6 will be accomplished by the MSR. Contractor shall track progress of MSR work associated with this Job in their Weekly POAM updates, and immediately notify OSIC of any expected schedule impacts.
- 3.11.4** Software and SOVT associated with NAVMACS shall be accomplished by Government personnel. Bidder shall anticipate 8 manhours for installer support.
- 4.0** **INFORMATION ASSURANCE (IA)**
- 4.1** The Contractor shall ensure that personnel accessing information systems have the proper and current IA certification to perform IA functions in accordance with DoD 8570.01 -M, Information Assurance Workforce Improvement Program, Ref 2.1.5. The Contractor shall meet applicable information assurance certification requirements, including (a) DoD-approved IA workforce certifications appropriate for each specified category and level and (b) appropriate operating system certification for information assurance technical positions as required by DoD 8570.01 -M. Contractor personnel who do not have proper and current certifications shall be denied access to DoD information systems for the purpose of performing information assurance functions. The contractor shall provide documentation supporting the information assurance certification status of personnel performing information assurance functions, reporting current IA certification status and compliance using CDRL Contractor Roster, DI-MGMT-81596 in the format prescribed by the COR."
- 5.0** **GOVERNMENT FURNISHED PROPERTY**





Only the GFP identified as “provided” and listed in the quantity shown on the approved installation documents (see PWS section 2.2), or as specifically identified as GFP (or GFM/GFE) in this PWS shall be furnished by the Government. The Government may provide approved installation documents not listed on this PWS, but this section shall still apply. All GFP will be provided in an “as-is” condition unless otherwise specified. All responsibilities on behalf of the Government and the Contractor with regard to this PWS section shall be in accordance with FAR Clause 52.245-1.

## **5.1 Government Furnished Information (GFI)**

### **5.1.1 CANES MOD 1, SA 83741K, SID's and LAR's**

- 5.1.1.1** 304-8673285 Rev A, CANES CABLE ROUTING LIST
- 5.1.1.2** 304-8673286 Rev -, CANES MOD TO CABLEWAYS
- 5.1.1.3** 320-8673287 Rev A, CANES PWR DISTR MOD
- 5.1.1.4** 331-8673288 Rev A, CANES LIGHTING MOD TO WRG DECK PLAN
- 5.1.1.5** 401-8673289 Rev A, CANES MOD TO ARR
- 5.1.1.6** 493-8673290 Rev A, CANES UNCLASSIFIED SYS MOD TO BLK WRG DIAG
- 5.1.1.7** 493-8673291 Rev A, CANES CLASSIFIED SYSTEM MOD TO BLK WRG DIAG
- 5.1.1.8** 493-8673292 Rev A, CANES UNCLASSIFIED SYSTEM MOD TO LAN WIRE CONN LIST
- 5.1.1.9** 493-8673293 Rev A, CANES CLASSIFIED SYSTEM MOD TO LAN WIRE CONN LIST
- 5.1.1.10** 640-8673356 Rev -, CANES MOD TO FURNITURE
- 5.1.1.11** 184-8673279 Rev -, 03 LEVEL & ABOVE FOUNDATION RIPOUT (For reference only)
- 5.1.1.12** 184-8673280 Rev A 01 & 02 LEVEL FOUNDATION RIPOUT (For reference only)
- 5.1.1.13** 184-8673281 Rev A CANES 01 & 02 LEVEL MOD TO FOUNDATIONS (For reference only)
- 5.1.1.14** 184-8673282 Rev A CANES MAIN DECK & BELOW FOUNDATION RIPOUT (For reference only)
- 5.1.1.15** 184-8673283 Rev A, CANES 03 LEVEL & ABOVE MOD TO FOUNDATIONS (For reference only)
- 5.1.1.16** 184-8673284 Rev A, CANES MAIN DECK & BELOW MOD TO FOUNDATIONS (For reference only)
- 5.1.1.17** 512-8673294 Rev -, HVAC SYS MOD (For reference only)
- 5.1.1.18** 514-8673295 Rev -, CHILLED WATER MOD (For reference only)
- 5.1.1.19** 528-8673366 Rev -, SANITARY & SEWAGE SYS MOD (For reference only)
- 5.1.1.20** 622-8673296 Rev A, CANES MOD TO FALSE DECK (For reference only)
- 5.1.1.21** 634-8673355 Rev -, CANES MOD TO DECK COVERING (For reference only)
- 5.1.1.22** LAR 83741-LPD17-1160
- 5.1.1.23** LAR 83741-LPD17-1181
- 5.1.1.24** LAR 83741-LPD18-L046
- 5.1.1.25** 170-017-1000381 Rev A, CDSW THIN CLIENT OUTLINE & INSTALLATION
- 5.1.1.26** 170-019-1000381 Rev A, MISCELLANEOUS ITEMS OUTLINE AND INSTALLATION
- 5.1.1.27** 170-011-1000381 Rev A, PRINTER (B & W) OUTLINE AND INSTALLATION
- 5.1.1.28** 170-006-1000381 Rev A, DESKTOP COMPUTER OUTLINE AND INSTALLATION
- 5.1.1.29** 170-012-1000381 Rev A, PRINTER (COLOR) OUTLINE AND INSTALLATION

### **5.1.2 KMI AN/GYK-72(V), SA 80934K, SID's and LAR's**

- 5.1.2.1** 441-8672759 Rev -, KMI MOD TO BLK WRG DIAG
- 5.1.2.2** 401-8672758 Rev -, KMI MOD TO ARR



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**5.1.3 Advanced Digital Antenna (ADAP), SA 71386K, SID's and LAR's**

**5.1.3.1** 423-8673234 Rev -, ADAP BLK & ELEM WRG DIAG

**5.1.3.2** 401-8673233 Rev -, ADAP MOD TO ARR (For reference only)

**5.1.4 NMT ATIP, SA 84619K, SID's and LAR's**

**5.1.4.1** 441-8672973 Rev -, NMT ATIP MOD TO WIRE CONN LIST

**5.1.4.2** 441-8672974 Rev -, NMT ATIP MOD TO BLK WRG DIAG

**5.1.4.3** LAR 86719-LPD17-16-1067

**5.1.4.4** LAR 86719-LPD18-L042

**5.1.5 NMT AN/WSC-9(V)1 X/Ka, SA 80897K, SID's and LAR's**

**5.1.5.1** 304-8672744 Rev -, NMT MOD TO CABLEWAYS & CABLE ROUTING LIST

**5.1.5.2** 320-8672745 Rev -, NMT MOD TO POWER

**5.1.5.3** 401-8672746 Rev -, NMT MOD TO ARR

**5.1.5.4** 401-8672747 Rev -, NMT MOD TO WAVEGUIDE

**5.1.5.5** 427-8672748 Rev -, NMT MOD TO NAV SYS BLK WRG DIAG

**5.1.5.6** 441-8672749 Rev -, NMT MOD TO BLK WRG DIAG

**5.1.5.7** 441-8672750 Rev -, NMT MOD TO WIRE CONN LIST

**5.1.5.8** 184-8672742 Rev -, NMT MOD TO ANTENNA FDNS (For reference only)

**5.1.5.9** 184-8672743 Rev -, NMT MOD TO FDNS (For reference only)

**5.1.5.10** 512-8672751 Rev -, HVAC SYS MOD (For reference only)

**5.1.5.11** 551-8672755 Rev -, SHIP SERVICE AIR SYS MOD (For reference only)

**5.1.5.12** 622-8672756 Rev -, NMT MOD TO FALSE DECK (For reference only)

**5.1.5.13** 671-8672757 Rev -, NMT MOD TO STOWAGE (For reference only)

**5.1.5.14** 514-8673357 Rev -, CHILLED WATER SYS MOD (For reference only)

**5.1.6 COM SERCRYP REPL PH-11, SA 82853K, SID's and LAR's**

**5.1.6.1** 320-8672915 Rev -, COMSEC PHASE II 60HZ PWR SYS MOD

**5.1.6.2** 446-8672916 Rev -, COMSEC PHASE II MOD TO WIRE CONN LIST

**5.1.6.3** 446-8672917 Rev -, COMSEC PHASE II MOD TO BLK WIRING DIAG

**5.1.7 COMSEC KW46 REPL, SA 83712K, SID's and LAR's**

**5.1.7.1** 446-8672935 Rev -, WIRE CONN LIST

**5.1.7.2** 446-8672936 Rev -, BLOCK WIRING DIAGRAM

**5.1.8 ADNS AN/USQ-144K (V)2, SA 81322K, SID's and LAR's**

**5.1.8.1** 304-8672967 Rev -, ADNS CABLE ROUTING LIST

**5.1.8.2** 320-8672968 Rev -, ADNS PWR SYS MOD

**5.1.8.3** 401-8672969 Rev -, ADSN MOD TO ARR

**5.1.8.4** 441-8672970 Rev -, ADSN WIRE CONN LIST

**5.1.8.5** 441-8672971 Rev -, ADNS BLK WIRING DIAG

**5.1.8.6** 184-8672966 Rev -, ADNS MISC FOUNDATIONS (For reference only)

**5.1.8.7** 622-8672972 Rev -, ADNS MOD TO FALSE DECK (For reference only)



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**5.1.8.8 LAR 81322-LPD18-L039**

**5.1.9 Deployable Rapids Works, SA 76610K, SID's and LAR's**

- 5.1.9.1** 331-8673523 Rev -, RAPIDS LIGHTING SYS MOD
- 5.1.9.2** 401-8673524 Rev -, RAPIDS MOD TO ARR
- 5.1.9.3** 493-8673525 Rev -, RAPIDS BLOCK WIRING DIAG
- 5.1.9.4** 184-8673522 Rev -, RAPIDS MISC FOUNDATIONS (For reference only)

**5.1.10 NAVMACS TR, SA 81798K, SID's**

- 5.1.10.1** 320-8673242 Rev -, 60 HZ PWR SYS MOD
- 5.1.10.2** 401-8673243 Rev -, MOD TO ARR
- 5.1.10.3** 441-8673244 Rev -, WIRE CONN LIST
- 5.1.10.4** 441-8673245 Rev -, BLK WRG DIAG
- 5.1.10.5** 304-8673354 Rev -, MOD TO CABLEWAYS
- 5.1.10.6** 184-8673241 Rev -, MISC FDNS (For reference only)

**5.2 Government Furnished Material/Government Furnished Equipment (GFM/GFE)**

- 5.2.1** Only the material/equipment listed in the quantity shown as “furnished with kit” or “GFM” or “GFE” on the approved installation documents or as listed in this SOW shall be furnished by the government. All equipment and materials listed as “IAF” in Installation Documents are the responsibility of the contractor to provide. All other material/equipment required in the performance of the tasks including ancillary and consumable materials shall be furnished by the contractor. The contractor shall be in compliance with the basic contract for the care and keeping of all Government Furnished Material/Equipment (GFM/GFE) which is transferred under this task order. All material/equipment not used shall be returned to the government at the end of the task unless otherwise specified in Section 9 of this PWS. All GFM will be furnished in an “as-is” condition unless otherwise specified. All responsibilities on behalf of the Government and the Contractor with regard to this PWS section shall be in accordance with FAR Clause 52.245-1.

**6.0 OTHER**

- 6.1 Security:** Requests for visit authorization shall be coordinated with the OSIC for the applicable platform (see para. 10). Personnel clearance requirements are defined in the Basic Contract, ref. 2.1. Contractor personnel assigned to conduct installations under this Task Order shall have a minimum clearance of SECRET. The Contractor shall ensure all sub-contractors utilized for this PWS meet security requirements.

**6.2 Place of Performance**

- 6.2.1** Work will be performed at the locations listed in Paragraph 1.1.

**6.3 Period of Performance**

- 6.3.1** Period of Performance is determined by Job ID and is as listed in Section 1.2 of this PWS.

## 8.0 SUBCONTRACTING REQUIREMENTS



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8.1 In accordance with the basic contract, reference 2.1.1.

## 9.0 CONSTRAINTS/SPECIAL REQUIREMENTS

### 9.1 Material Management/Disposition Plan

9.1.1 Upon completion of individual task orders, the contractor shall remove all excess material/equipment from the work site, and stage the items in contractor furnished warehouse facilities. Unless prior arrangements are made via the task order, the contractor shall submit a disposition inventory list (CDRL A006) outlining Government property/material along with a request form for Plant Clearance action to the cognizant Defense Contract Management Agency (DCMA) and COR within 15 days after completion of each task.

9.1.2 After right of first refusal is received from the COR, the contractor shall coordinate with the DCMA Plant Clearance Officer for the disposition of excess material and equipment.

9.1.3 Hazardous Material storage and disposal shall conform to federal, state, and local regulations and the requirements of this Performance Work Statement. The contractor shall also comply with any additional Hazardous Materials requirements of host activities such as Government/Private shipyards, military bases, foreign countries, etc.

### 9.2 Lessons Learned

9.2.1 Upon completion of all production and SOVT efforts under this Task Order, contractor shall prepare a Lessons Learned Report in contractors own format, covering the following items:

9.2.1.1 List, by Job ID, all LARs submitted and received under this task order with a brief description of each, and their impact to cost, schedule and performance. Do not include LARs that were in effect at time of award.

9.2.1.2 Identify any impacts to cost, schedule or performance from external factors, including: support services, ships force impacts (space/personnel availability, drills/exercises, etc.), other contractors, schedule changes, and weather or natural phenomena. Provide recommendations for future improvements.

9.2.1.3 List impacts to cost, schedule or performance due to system interfaces or software incompatibilities. Provide recommendations, where possible.

9.2.1.4 List best practices and efficiencies realized, and their benefit to cost, schedule or performance.

## 10.0 POC DESIGNATIONS

10.1 Contracting Officers Representative (COR) – (b)(7)(e)

(b)(6)

(619) 852-1281

Email: (b)(6)



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**10.2 COR Support Managers (CSM):**

<b>10.2.1</b>		(619)524-2485	<b>Email:</b>	
<b>10.2.2</b>	(b)(6)	(619)-221-4530	<b>Email:</b>	(b)(6)
<b>10.2.3</b>		(619)-524-2782	<b>Email:</b>	

**11.0 LIST OF ATTACHMENTS**

- 11.1** Attachment 1 – Quality Assurance Surveillance Plan
- 11.2** Attachment 2 – Data Deliverables List
- 11.3** Attachment 3 – Invoked Standard Items
- 11.4** Attachment 4 - Source Selection Plan Criteria



**Attachment 1**  
**Quality Assurance Surveillance Plan Elements**

Performance Aspect	Method of Surveillance	Performance Rating Criteria for Incentive Awards
Meeting Schedule for Completion of Production Work	<p>Start and end dates will be provided for production period.</p> <p>Completion times will be rounded up to the next whole day.</p> <p>The production schedule can be extended by a period of performance extension and performance ratings will be awarded based on the extended schedule not the original schedule.</p>	<p>Outstanding: Work is completed in 97% or less of the production schedule time allotted in the delivery order. In other words, work is completed 3% early. (The time that it takes to complete will be rounded up to the next whole day when making this calculation.)</p> <p>Satisfactory: Work takes more than 97% of the production time allotted in the task order to complete and less than the smaller of: 103% of the production time allotted in the task order or 100% of the production time allotted in the task order plus five days.</p> <p>UNSAT: Work takes longer to complete than the smaller of : 103% of the production time allotted in the delivery order or 100% of the production time allotted in the delivery order plus five days.</p>
CORN Quality	<p>IMO file contains no record of a request for amplifying information or IMO file contains a record of the request for amplifying information.</p>	<p>Outstanding: Requirement for a satisfactory rating is met and contractor submits no CORNS requesting upward adjustment to Cost/Price based on a cost overrun (due to the contractor).</p> <p>Satisfactory: All but 1 CORN provided contains sufficient technical information and are clearly understandable to the Government, and information needed to clarify the one CORN is provided to the Government within 2 working days of request.</p> <p>UNSAT: The Government requires amplifying information for clarity that is not provided within 2 working days of request, or more than one CORN requires clarification.</p>



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Performance Aspect	Method of Surveillance	Performance Rating Criteria for Incentive Awards
Workmanship Quality	Checklists will be developed by randomly selecting checklist line items from a Government database (of checklist line items) and conducting tests/inspections to determine if the contractor complies with the requirements stated (on the checklist line items).	Outstanding: 92% or more of checklists line items show no non-compliance. Satisfactory: The percentage of checklist line items that show no non-compliance is at least 68% but is lower than 92%. UNSAT: The percentage of checklist line items that show no non-compliance is less than 68%.





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**ATTACHMENT 2**  
**DATA DELIVERABLES LIST**

1. Unless otherwise noted, all Task Order deliverables shall be delivered via email to COR and to Ordering Officer, as well as uploaded to SE II Global MAC Portal. Contact COR for Upload instructions.
2. The following Deliverable items shall be delivered, as required, under this Task Order:
  - a. CDRL A003A: Submit a Change Order Request Notification (CORN) for each discrepancy discovered while performing tasking under this order. Submit the CORN via the regional IMO Database within 48 hours of discovery.
  - b. CDRL A003B: Submit an original Alteration Completion Report to the Task Originator upon completion of the installation with signatures of acceptance for all applicable items. Alteration Completion Reports shall utilize the format and guidance of 9090-310G.
  - c. CDRL A005: Provide one set of As-Built (red-lined) SIDs to Ships Force during Out-Brief. Red-lines provided to the ship may be a hand edited hard copy, but must be legible and reflect all authorized changes to the original SIDs. **A copy of the red-lined drawings (either hand edited OR soft copy) shall be delivered to the OSIC within ten days after PCD for each ShipAlt.** Soft copies of the red-lined SIDs shall be uploaded to the SE II Global MAC Portal within 15 days of task completion. (For purposes of this deliverable, “task completion” shall be defined as the date of the Out-Brief).
  - d. CDRL A006: Provide a Government Property report containing a final task order inventory/status of contractor-acquired and/or government furnished property consumed or returned to the government. Include this report in the Task Order Closeout Report, (item g.). Property transfer shall be documented with DD FORM 1149.
  - e. CDRL A007: Submit a Task Order Closeout Report to the Contracting Officer and COR within 60 days after the task order completion date.
  - f. CDRL A008: Provide a Cost Analysis Report when required by the Basic Contract (required when final cost deviates from target cost by more than 5%) explaining task order savings or cost growth. Include this report in the Task Closeout Report.
  - g. CDRL A011A: Develop a Quality Assurance Workbook and **upload it to the CDRLs tab in IMOTracker for each job on the Task Order.** Also provide a hard copy to the local SSC PAC QA Specialist for review prior to Regional Maintenance and Modernization Coordination Office (RMMCO) Check-in. Maintain the Quality Assurance Plan and Test Workbook on-site for review by SSC PAC QA personnel. The Quality Assurance Plan and Test Workbook shall meet the requirements of NSTS 9090-310G.
  - h. CDRL A011B: Upon completion of all on-site efforts, submit QA Workbook for final review to SSC PAC QA Manager. Test and Inspection Plan and all test records shall be completed prior to review. Upon completion of



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review, **upload a copy of the QA Workbook in Adobe .pdf format including all QA records developed under this Task Order to the CDRLs tab in IMOTracker for each job on the Task Order.**

- i. CDRL A015: Post weekly Earned Value Management Reports to the Regional Installation Management Office (IMO) Database. The initial report shall be posted in the week following the first full month of task order award. A final report shall be due 10 days after task order completion.
- j. CDRL A017: For each platform, provide a POA&M to the Task Originator, with a copy to the COR, within two weeks of task authorization. The POA&M shall address, for each subtask, (1) QA Checkpoints, (2) Pre-Installation, (3) Site Preparation, (4) Installation, and (5) Post-Installation. The POA&M will provide a schedule of events and scheduled production to such detail as is required to provide a baseline for determining task status using Earned Value Methodology. Maintain and up-date the POA&M weekly to reflect schedule and requirement changes until completion of the task.



**Attachment 3**  
**NAVSEA Standard Items**

The following checked NAVSEA Standard Items are applicable to this Task Order

ITEM		TITLE
009-01	X	General Criteria; accomplish
009-02		Environmental Compliance Reports for Material Usage at Naval Facilities; provide
009-03	X	Toxic and Hazardous Substances; control
009-04	X	Quality System; provide
009-05		Temporary Accesses; provide
009-06	X	Maintaining Protection and Cleanliness from Non-Radioactive Contaminate-Producing Operations; accomplish
009-07	X	Confined Space Entry, Certification, Fire Prevention and Housekeeping; accomplish
009-09	X	Process Control Procedure (PCP); provide and accomplish
009-10		Shipboard Asbestos-Containing Material (ACM); control
009-11	X	Insulation and Lagging Requirements; accomplish
009-12	X	Welding, Fabrication, and Inspection Requirements; accomplish
009-20	X	Government Property; control
009-22	X	Shipboard Electric Cable; test
009-23	X	Interferences; remove and install
009-24	X	Isolation, Blanking, and Tagging Requirements; accomplish
009-25	X	Structural Boundary Test; accomplish
009-26	X	Deck Covering Requirements; accomplish
009-32	X	Cleaning and Painting Requirements; accomplish
009-35		Confined Space Entry, Certification, Fire Prevention Utilizing Military Fire Watches, and Housekeeping; accomplish
009-65		Polychlorinated Biphenyls (PCBs); control
009-71	X	Testing Requirements for piping systems; accomplish
009-73	X	Shipboard Electrical/Electronic/Fiber Optic Cable; remove, relocate, repair, and install
009-74	X	Occupational Safety and Health Requirements; accomplish
009-76	X	Waveguide and Transmission Line Temporary Layup, Pressurization and Purging; accomplish
009-78	X	Passive Countermeasures System (PCMS) Material Repair/Install Requirements; accomplish
009-81	X	Compartment Closeout Schedule; provide
009-84		Accountability of Temporary Fasteners
009-93		Emergency Planning and Community Right-to-Know Act (EPCRA)
009-97		Shipbuilding and Ship Repair Operations National Emission Standard for Hazardous Air Pollutants (NESHAPS) for Surface Coating Information; provide
009-102		Alteration Verification; provide
009-109		Special Requirements for Non-SUBSAFE Work on SUBSAFE-Certified Vessels; accomplish
009-110		Special Requirements for Non-Nuclear on Nuclear Vessels; accomplish
009-123		Fiber Optic System; remove, relocate, repair, and install



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**Attachment 4  
Source Selection Plan Criteria**

**Title: Hardware Installation of network related installations on (b)(7)(e) San Diego, CA.**

**Section L**

Offerors shall submit proposals addressing the following:

Factor 1 – Past Performance

Cost

The proposal shall address the following evaluation factors:

**FACTOR 1 – Past Performance**

No action required. Past Performance will be evaluated based on the CPARs for the previous contract year (ending 9 February 2016). CPARS Ratings that will be considered include: Quality of Product or Service for Surface Ships, Schedule rating for Surface Ships, Management and Cost Control.

**COST/PRICE -**

For each installation task and subtask identified by a Government tracking number, the contractor shall provide an Installation Cost Estimate Worksheet that provides total estimated Installation Design, Installation Production and System Turnover Costs. For each of these three sets of totals, the Worksheet shall provide the subtotals for Labor Hours, Labor Costs, Material Costs, Travel Costs and Other Direct Costs. The contractor shall provide this information using a Cost Estimate Spreadsheet (CES) that is based upon the Government Cost Estimate Spreadsheet attached.

The spreadsheet shall provide at a minimum the following items:

1. Direct labor, including labor categories, hours, rates and total.
2. Other Direct Costs (ODCs).



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- a. Travel proposed costs must be fully documented including destination, number of people, number of days, airfare, per diem, car rental and other charges. **Other materials shall be categorized as “BOM” items (total cost) or “Other Materials” (total cost).**
  - b. Material exceeding a unit price of \$3,000 must be itemized. All other materials need only a total cost.
  - c. Equipment must be identified as Information Technology (IT) or non-IT. All IT equipment must be itemized. Non-IT equipment exceeding a unit price of \$3,000 must be itemized. All other equipment not identified above needs only a total cost.
  - d. Other, as required by the proposed task/delivery order.
3. Subcontractors. Subcontractors need only submit total cost with labor categories and hours to the prime contractor. Costs, with the same level of detail as submitted by the prime contractor for the task/delivery order, shall be submitted directly to the Government by the subcontractor.
  4. Consultants. Consultants need only submit total cost with labor categories and hours to the prime contractor. Costs, with the same level of detail as submitted by the prime contractor for the task/delivery order, shall be submitted directly to the Government by the subcontractor.
  5. Other Information.
    - a. A statement that the cost estimate is based upon either a completion or level of effort task and the anticipated duration of the delivery/task order.
    - b. For Small Business and 8(a) set-asides, the Contractor shall state that they are in compliance with the FAR 52.219-14 clause.
- a) Contractor shall submit a “Cost Brief”, not to exceed 2 pages, to support their cost estimate. The Cost Brief shall include assumptions used to develop the cost estimate, efficiency savings, make-or-buy decisions that significantly impact costs, travel vs. local labor force and other decisions comprising the “basis of estimate”. Empirical data and actual cost histories will support bidders cost decisions more strongly than subjective descriptions. This item is not an evaluation factor on its own and will not be rated. The Cost Brief may be used by the Government to aid in determining the level of price risk and in deciding if clarifications or discussions are needed to complete the award decision.**

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## Section M

(a) It is the intention of the Navy to award one TO as a result of this solicitation in accordance with FAR 16.505. Award will be based on a best value trade-off determination, which provides that the award will be made to that Offeror whose proposal is most advantageous to the Government under the selection criteria set forth in this Section M. The task order resulting from this solicitation will be awarded to that responsible

**(i) Competitive Price** – This acceptability criterion is an evaluation of the percentage difference between the offeror's evaluated price and the calculated average price of: the proposed price by all Offerors and the Independent Government Estimate. The Government has established a percentage of 50% as the determining factor for this “Gate”, meaning that if an offeror's evaluated price exceeds this established percentage, then the offeror’s proposal may be considered to be not competitive for this requirement. Based on the result of this “Gate” assessment, the Government may decide to enter discussions, or the proposal may be eliminated from award consideration.



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**(ii) Low Offeror Risk** - This acceptability criterion is an evaluation of the percentage difference between the offeror's evaluated price and the calculated average price of: all remaining Offerors after the "competitive price" assessment and the Independent Government Estimate. The Government has established a percentage of 25% as the determining factor for this "Gate", meaning that if an offeror's evaluated price exceeds this established percentage, then the offeror's proposal may be considered to be unacceptably high risk. Based on the result of this "Gate" assessment, the Government may enter discussions, or the proposal may be eliminated from award consideration.

(d) The evaluation factors listed below are in descending order of importance:

Factor 1 – Past Performance

Cost

The Government will evaluate each Offeror's proposal as follows:

**Factor 1: Past Performance** – The past performance evaluation will result in an assessment of the Offeror's probability of meeting the TORFP requirements. The past performance evaluation will consider each Offeror's demonstrated recent and relevant record of performance in supplying products and services that meet the requirements of this TORFP. There are two aspects to the past performance evaluation. The first is to evaluate how relevant a recent effort accomplished by the Offeror is to the effort to be acquired through the source selection. The second aspect is to determine how well the contractor performed on prior experiences. This quality assessment will be made on the basis of CPARS under this contract, though in accordance with FAR 15.305(a)(2), the Government may consider past performance information from any other appropriate source, such as the Past Performance Information Retrieval System (PPIRS) or customer questionnaires. Each experience considered will receive a performance confidence assessment rating based on the evaluated quality ratings. Relevance for each Offeror's CPARs will be considered "Very Relevant". At the Factor level, one performance confidence assessment rating will be assigned for each Offeror based on the aggregate of the individual experience performance confidence assessment ratings. If the Offeror's Past Performance information is unavailable or the Offeror has no record of relevant Past Performance, the Offeror receive a "neutral" rating.

**Cost/Price:** The Government will evaluate the proposed cost/price of each offer for realism and reasonableness in accordance with FAR Subpart 15.4. The purpose of this evaluation will be (a) to verify the offeror's understanding of the requirements; (b) to assess the degree to which the cost/price proposal reflects the approach specified in the proposal, as well as, the risk that the Offeror will provide the supplies or services for the offered prices/cost; and (c) assess the degree to which the cost reflected in the cost/price proposal accurately represents the work effort included in the proposal. Proposals that are found to be not reasonable may be removed from further consideration for award.



## Evaluation of Cost Realism